

# INPUT FedFocus Conference

21:OCT:08

**Achieving the Information  
Advantage**

**Mr. Mike Krieger**

Deputy Chief Information Officer/G-6

**AMERICA'S ARMY: THE STRENGTH OF THE NATION  
ARMY STRONG**





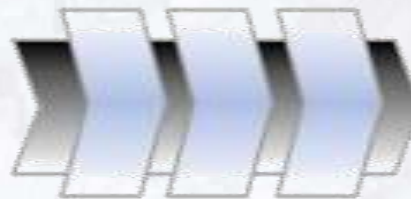
# 4 Army Imperatives

2008  
**CURRENT**



- Demand Exceeding Supply
- Counterinsurgency-Focused Force
- Accelerated Equipment Wear-Out
- Soldier and Family Stress

Restoring Balance



## IMPERATIVES

- Sustain
- Prepare
- Reset
- Transform

2011  
**FUTURE**



- Steady-State Achieved via Army Force Generation Process
- Full Spectrum Readiness
- Reconditioning and Recapitalization of Equipment
- Better Facilities and Increased Dwell Time for Soldiers



# Army CIO/G-6 Strategic Goals



- 1 Develop and maintain a secure, seamless, interdependent LandWarNet Network
- 2 Lead enterprise integration by transforming processes, applications and data into net-enabled capabilities
- 3 Provide capabilities to enable secure systems, networks, and information
- 4 Optimize Army Information Technology & Information Management investments across Joint & Army capabilities
- 5 Develop the Army's Information Technology & Information Management knowledge & skills to support mission needs
- 6 Deliver an Integrated Enterprise Strategy to further Army & Joint warfighting capabilities



# Army CIO/G-6 Strategic Goals

## Army CIO/G-6 Strategy Map

**VISION:** Deliver a Joint, net-centric information enterprise enabling warfighter decision superiority

ENDS

Develop LandWarNet  
Operational Capabilities

Develop the LandWarNet  
Institutional Infrastructure

**MISSION:** Provide architecture, governance, portfolio management, strategy, C4IT acquisition oversight and operational capabilities to enable Joint expeditionary, net-centric information dominance for the Army.

WAYS

Develop and maintain a secure, seamless, interdependent LandWarNet network by leading development and enforcing use of an integrated architecture.

Lead enterprise integration to achieve decision superiority by transforming processes, applications, and data into net-centric capabilities across the Army.

Protect and defend the Army's systems, networks, and information.

Ensure Army information management and information technology investments maximize Army and Joint capabilities.

Develop Army's information management and information technology knowledge and skills to support mission needs.

Deliver an integrated enterprise strategy that influences Joint and Army use of information management and information technology in furthering warfighting capabilities.

MEANS

Secure financial resources.

Secure human resources.

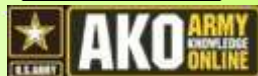
Secure relationships with science and industry to influence technology.



## Garrison



808-555-2020



AKO-S

(NIPR/SIPR)



BlackBerry



Chat



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## OPERATIONAL IT/DATA REQUIREMENTS:

### NETWORK

constantly changing

### E-MAIL ADDRESS

constantly changing/multiple

### TELEPHONE NUMBER

constantly changing/multiple

### COLLABORATION TOOLS

constantly changing

### FILE STORAGE SYSTEM

constantly changing



## Deployed



DSN 318-965-6067

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## Training



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## Power Projection



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# End State



## **Ideal End-State**

**Universal E-Mail Address**

**Universal File Storage**

**One Telephone Number**

**Standard Collaboration  
Tool Set**







# What We Need



- ★ Agile, Responsive, requirements, acquisition, and test processes
- ★ Enterprise:
  - Architecture (DoD Information Enterprise Architecture ver 1.0 a good start)
  - Security Framework
  - Identity Management
  - IP Network
  - Data and Services that are:
    - Visible, accessible, understandable, and trusted
  - Governance

**AND we must behave like an Enterprise**



# Observations



- ★ Acquire information-advantage capabilities and foundation infrastructure to support and enable mission capability
- ★ DoD Components should:
  - Build services that implement specific capabilities required to support a defined mission process, and help evolve the DoD Enterprise foundation infrastructure.
  - NOT build systems that imbed an implied process in software, e.g. TBMCS.
- ★ Enterprise Information Architecture required
  - NOT systems design like current DODAF
- ★ Change PMs incentives:
  - Reward failure as a form of risk mitigation, AND
  - Punish certain forms of success (e.g. succeeding without relying upon available, reusable capabilities should no longer be acceptable).





# LandWarNet as an Army Enterprise Activity



Transform LandWarNet to a global enterprise construct that operationalizes the network to enable:

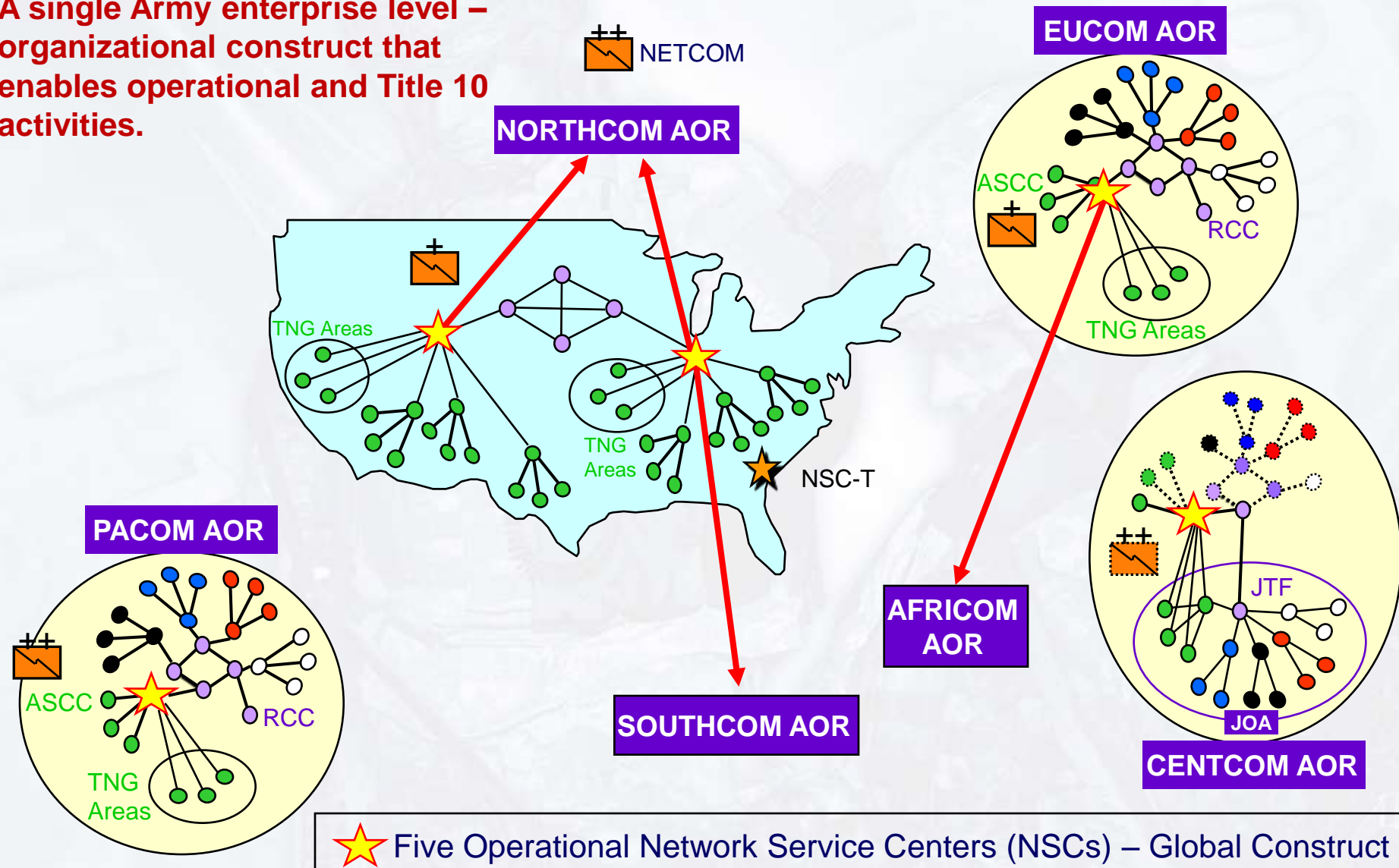
- All network dependent day-to-day activities as we prepare for war.
- The capability to extend the network into a JOA – with little notice to no notice – as we transition to war.
- Dramatic improvement in Computer Network Defense / Information Assurance posture
- The ability to provide seamless support to all phases of operations in the conduct of war – all in a joint and coalition environment.



# Global Network Enterprise Construct



**A single Army enterprise level – organizational construct that enables operational and Title 10 activities.**







# Emerging Enterprise Infrastructure Governance



Army Enterprise  
Governance

DoD CIO Executive  
Enterprise Governance

Army CIO Executive Board

Enterprise Guidance Board

Engineering  
Review Board

Operations  
Oversight  
Board



# Important Take Away



Paul Giangarra  
(IBM Distinguished Engineer)







# Important Take Away



Paul Giangarra  
(IBM Distinguished Engineer)

**REMEMBER**  
**SOA is a Team Sport!**







**Army Strong!**